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FACSIMILE TRANSMISSION COVERSHEET

DATE: March 30, 2009
TO: Examiner: ARTI SINGH
Group Art Unit: 1794
RE: U.S. Patent Application No. 10/699,425
For: Anti-Microbial Nonwoven Wipe
Attorney Docket No.: 02-292
Confirmation No.: 3280
FROM: Ramon R. Hoch
Customer Number 62753
TO FAX NO.: (571) 273-8300

NUMBER OF PAGES (INCLUDING THIS COVER SHEET): 3

Comments:

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PROPOSAL ONLY FOR INTERVIEW DISCUSSION - DO NOT ENTER

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RE: CLAIM PROPOSALS FOR DISCUSSION ONLY AT INTERVIEW -
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In re Application of: Dianne ELLIS et al.) Examiner: Singh, Arti R
Application No.: 10/699,425)
Filed: October 31, 2003)
Docket No.: 02-292)

For: ANTI-MICROBIAL NONWOVEN WIPE

Claims 1-3 (canceled)

Claim 4 (Currently amended) A nonwoven anti-microbial wipe consisting essentially of comprising a fibrous nonwoven substrate coated with a non-ionic and cationic binder mixture and subsequently coated with a cationic dual quaternary ammonia anti-microbial agent, said cationic dual quaternary ammonia anti-microbial agent being readily released upon being introduced to an associated water source.

Claims 5-14 (canceled)

Claim 15 (New) A nonwoven anti-microbial wipe as in claim 4, wherein said anti-microbial wipe is a hard surface wipe.

Claim 16 (New) A nonwoven anti-microbial wipe as in claim 4, wherein said fibrous nonwoven substrate comprises natural fibers.

Claim 17 (New) A nonwoven anti-microbial wipe as in claim 4, wherein said fibrous nonwoven substrate comprises natural fibers selected from the group consisting of cotton, wood pulp and viscose rayon.

Claim 18 (New) A nonwoven anti-microbial wipe as in claim 4, wherein said fibrous nonwoven substrate comprises carded and cross-lapped staple length fibers.

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Claim 19 (New) A nonwoven anti-microbial wipe comprising:

a three-dimensionally imaged fibrous nonwoven substrate coated with a non-ionic and cationic binder mixture and subsequently coated with a cationic dual quaternary ammonia anti-microbial agent, said cationic dual quaternary ammonia anti-microbial agent being readily released upon being introduced to an associated water source, and

a scrim layer reducing the extensibility of said three-dimensionally imaged fibrous nonwoven substrate.

Claim 20 (New) A nonwoven anti-microbial wipe as in claim 19, wherein said scrim layer is selected from a unidirectional filament scrim, a bi-directional filament scrim, an expanded film, and a thermoplastic spunbond.

Claim 21 (New) A nonwoven laminate anti-microbial wipe comprising:

a fibrous nonwoven substrate coated with a non-ionic and cationic binder mixture and subsequently coated with a cationic dual quaternary ammonia anti-microbial agent, said cationic dual quaternary ammonia anti-microbial agent being readily released upon being introduced to an associated water source, and

an additional layer selected from the group consisting of a fabric layer and a film layer.

Claim 22 (New) A nonwoven laminate anti-microbial wipe as in claim 21, wherein said additional layer is a film layer selected from the group consisting of a cast film, an extruded film, and a reticulated film.